

Title (en)
MEDICAL INSTRUMENT ELEMENT

Title (de)
ELEMENT FÜR MEDIZINISCHES INSTRUMENT

Title (fr)
ÉLÉMENT D'INSTRUMENT MÉDICAL

Publication
EP 3108846 B1 20210623 (EN)

Application
EP 15752030 A 20150216

Priority

- JP 2014029319 A 20140219
- JP 2014029320 A 20140219
- JP 2015054148 W 20150216

Abstract (en)
[origin: EP3108846A1] An object is to provide a medical instrument element, a medical instrument, a medical instrument component, and a medical handpiece processed in a complicated manner so as to provide a desired level of performance, and a method for producing the medical instrument element. A head housing (31) including a cooling path (50) permitting cooling water to flow therein and including a bent portion at which a flow direction of the cooling water is changed is formed by stack molding.

IPC 8 full level
A61C 1/08 (2006.01); **A61C 1/05** (2006.01); **A61C 1/12** (2006.01); **A61C 3/02** (2006.01)

CPC (source: EP US)
A61B 18/20 (2013.01 - US); **A61C 1/0046** (2013.01 - EP US); **A61C 1/05** (2013.01 - EP US); **A61C 1/052** (2013.01 - EP US); **A61C 1/12** (2013.01 - EP US); **A61C 3/02** (2013.01 - US); **A61B 2017/00526** (2013.01 - US); **A61B 2018/00023** (2013.01 - US); **A61B 2018/00601** (2013.01 - US)

Citation (examination)

- US 2011008765 A1 20110113 - VACANTI JOSEPH P [US], et al
- US 8323677 B2 20121204 - WRIGHT DAVID DAKIN IORWERTH [GB], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3108846 A1 20161228; **EP 3108846 A4 20171101**; **EP 3108846 B1 20210623**; US 2017042639 A1 20170216; WO 2015125736 A1 20150827

DOCDB simple family (application)
EP 15752030 A 20150216; JP 2015054148 W 20150216; US 201615241649 A 20160819